Semi-purified diets/swine....55
Sera, bovine/ovine....57
Sera, caprine/ovine....57
Shelving for shoebox cages, aluminum—free-standing....51
Shelving for shoebox cages, aluminum—wall-mounted....51
Shelving for shoebox cages, stainless steel—free-standing....51
Shelving for shoebox cages, stainless steel—wall-mounted....51
Shipping accessories....41
Shipping boxes/disposable, cat....42
Shipping boxes/disposable, dog....42
Shipping boxes/disposable, nonhuman primate....42
Shipping boxes/disposable, rabbit....42
Shipping boxes/disposable, rodent....42
Shipping boxes/reusable, cat....42
Shipping boxes/reusable, dog....42
Shipping boxes/reusable, nonhuman primate....42
Shipping boxes/reusable, rabbit....42
Shipping boxes/reusable, rodent....42
Shipping labels....74
Shoe covers....65
Shoebox cages (solid bottom)/ plastic....32
Shoebox cages (solid bottom)/ stainless steel....32
Shop benches....76
Shop storage bins....76
Skin closures, butterfly....73
Skin closures, other skin closures....73
Skin closures, staples....73
Skin closures, strips....73
Skin closures, tapes....73
Skinner boxes and accessories....60
Skirts....69
Smoke and fire alarms/systems....79
Software....87
Solutions, other euthanasia solutions....63
Solutions, sodium pentobarbital....62
Solvents....57
Spider monkeys....10
Squirrel monkeys....10
Stainless steel lab tables....76
Stainless steel swine pens....40
Standard housing/aluminum....35
Standard housing/stainless steel....35
Steam sterilizers....72
Steel/heavy-duty shelving....76
Stereotaxic equipment....60
Sterilization....71
Stethoscopes, veterinary....61
Surgery services....83
Surgical equipment and supplies....72
Surgical instruments, conventional....74
Surgical instruments, disposable....74
Surgical instruments, veterinary....74
Surgical lights....72
Surgical scrubs....72
Surgical sponges....72
Surgical tables, combination....72
Surgical tables, lift....72
Surgical tables, restraint....72
Suspended wire bottom cages/plastic....35
Suspended wire bottom cages/ stainless steel....35
Sutures, veterinary....74
Swine, breed or stock....9
Swine, miniature swine....9
Swine, miniature swine piglets....9
Swine, piglets....9
Swivels for tethering systems....61
Syringes....74
System piping material....48
Systemic autoimmune disease test kit....59

T

Tamarins....10
Tattoo equipment....74
Telemetry devices....61
Temperature control and measurement combination devices....79
Temperature control devices, computer-assisted....79
Temperature control devices, conventional....79
Temperature monitoring devices....79
Temperature probes, conventional....61
Temperature probes, microprocessor controlled....61
Temperature recording devices, computer-assisted....79
Temperature recording devices, conventional....79
Temperature recording devices, paper tape/sheet....81
Teratology testing....84
Thermometers....81
Tissue culture media....57
Tissue cultures: rat tail collagen fibers....84
Toe clippers....74
Tonometers....61
Toxic waste disposal, consultation....86
Toxic waste disposal, service....86
Toxicology testing....84
Transplantable tumor testing and characterization....84
Transport media....57

U

Ultrasonic instrument sterilizers....72
Ultraviolet sterilization systems....83
Urinalysis test system....59
Urine collection equipment....61
Used cages....35
UV and other sterilizers....72

V

Ventilators....73
Vervet/African green....13
Veterinary care services....83
Veterinary table covers, drapes, and towels....73
Video production services....86
Virus testing....86
Vitamin/mineral supplements....56

W

Wall surfaces, indoor....76
Wall surfaces, outdoor....76
Water baths....65
Water purification systems....83
Water sampling accessories....83
Water sampling equipment....83
Water stills....69
Weighing apparatus....74
Weighing tables/platforms (for large animals)....74
Wheeled transport....42
Woodchucks....23

1996 Editorial Index

Index of articles appearing in LAB ANIMAL in 1996, listed in alphabetical order (by the primary author's last name; co-authors appear in parantheses).

A

Adkins, Jack P., LATG (Thomas Klapumuts, BS, LATG). "What's Your Diagnosis? Cutaneous Lesions, Emaciation, and Death in Hairless Mice"; February [**25** (2)]: 16.

Anderson, Wayne I., DVM, PhD (Alice M. Kroger, DVM, Lawrence Sherman, DVM). "What's Your Diagnosis? Infiltrative Mass in the Trachea of an Aged Cat"; March [**25** (3)]: 24.

B

Bayne, Kathryn, MS, PhD, DVM. "Normal and Abnormal Behaviors of Laboratory Animals: What Do They Mean?" January [**25** (1)]: 21.

Blankenship-Paris, Terry L. (Daniel I. Schenkman). "What's Your Diagnosis? Progressive Neurological Deterioration in a Japanese Macaque (*Macaca fuscata*)"; [**25** (8)]: 17.

Bodkin, Noni, PhD. "The Rhesus Monkey: Providing Insight into Obesity and Diabetes"; February [**25** (2)]: 33.

Boschert, Ken, DVM. "A Laboratory Animal Internet Primer"; January [**25** (1)]: 23.

C

Cancellieri, Steven, BS, LATG. "What's Your Diagnosis? Circular Skin Lesions in an Animal Technician"; April [**25** (4)]: 19.

Chenoweth, Dennis E., PhD, MD, MBA. "*In Vitro* Testing Alternatives for Determining Skin Irritation Potential"; March [**25** (3)]: 35.

Semi-purified diets/swine....55
Sera, bovine/ovine....57
Sera, caprine/ovine....57
Shelving for shoebox cages, aluminum—free-standing....51
Shelving for shoebox cages, aluminum—wall-mounted....51
Shelving for shoebox cages, stainless steel—free-standing....51
Shelving for shoebox cages, stainless steel—wall-mounted....51
Shipping accessories....41
Shipping boxes/disposable, cat....42
Shipping boxes/disposable, dog....42
Shipping boxes/disposable, nonhuman primate....42
Shipping boxes/disposable, rabbit....42
Shipping boxes/disposable, rodent....42
Shipping boxes/reusable, cat....42
Shipping boxes/reusable, dog....42
Shipping boxes/reusable, nonhuman primate....42
Shipping boxes/reusable, rabbit....42
Shipping boxes/reusable, rodent....42
Shipping labels....74
Shoe covers....65
Shoebox cages (solid bottom)/ plastic....32
Shoebox cages (solid bottom)/ stainless steel....32
Shop benches....76
Shop storage bins....76
Skin closures, butterfly....73
Skin closures, other skin closures....73
Skin closures, staples....73
Skin closures, strips....73
Skin closures, tapes....73
Skinner boxes and accessories....60
Skirts....69
Smoke and fire alarms/systems....79
Software....87
Solutions, other euthanasia solutions....63
Solutions, sodium pentobarbital....62
Solvents....57
Spider monkeys....10
Squirrel monkeys....10
Stainless steel lab tables....76
Stainless steel swine pens....40
Standard housing/aluminum....35
Standard housing/stainless steel....35
Steam sterilizers....72
Steel/heavy-duty shelving....76
Stereotaxic equipment....60
Sterilization....71
Stethoscopes, veterinary....61
Surgery services....83
Surgical equipment and supplies....72
Surgical instruments, conventional....74
Surgical instruments, disposable....74
Surgical instruments, veterinary....74
Surgical lights....72
Surgical scrubs....72
Surgical sponges....72
Surgical tables, combination....72
Surgical tables, lift....72
Surgical tables, restraint....72
Suspended wire bottom cages/plastic....35
Suspended wire bottom cages/ stainless steel....35
Sutures, veterinary....74
Swine, breed or stock....9
Swine, miniature swine....9
Swine, miniature swine piglets....9
Swine, piglets....9
Swivels for tethering systems....61
Syringes....74
System piping material....48
Systemic autoimmune disease test kit....59

T

Tamarins....10
Tattoo equipment....74
Telemetry devices....61
Temperature control and measurement combination devices....79
Temperature control devices, computer-assisted....79
Temperature control devices, conventional....79
Temperature monitoring devices....79
Temperature probes, conventional....61
Temperature probes, microprocessor controlled....61
Temperature recording devices, computer-assisted....79
Temperature recording devices, conventional....79
Temperature recording devices, paper tape/sheet....81
Teratology testing....84
Thermometers....81
Tissue culture media....57
Tissue cultures: rat tail collagen fibers....84
Toe clippers....74
Tonometers....61
Toxic waste disposal, consultation....86
Toxic waste disposal, service....86
Toxicology testing....84
Transplantable tumor testing and characterization....84
Transport media....57

U

Ultrasonic instrument sterilizers....72
Ultraviolet sterilization systems....83
Urinalysis test system....59
Urine collection equipment....61
Used cages....35
UV and other sterilizers....72

V

Ventilators....73
Vervet/African green....13
Veterinary care services....83
Veterinary table covers, drapes, and towels....73
Video production services....86
Virus testing....86
Vitamin/mineral supplements....56

W

Wall surfaces, indoor....76
Wall surfaces, outdoor....76
Water baths....65
Water purification systems....83
Water sampling accessories....83
Water sampling equipment....83
Water stills....69
Weighing apparatus....74
Weighing tables/platforms (for large animals)....74
Wheeled transport....42
Woodchucks....23

1996 Editorial Index

Index of articles appearing in LAB ANIMAL in 1996, listed in alphabetical order (by the primary author's last name; co-authors appear in parantheses).

A

Adkins, Jack P., LATG (Thomas Klapumuts, BS, LATG). "What's Your Diagnosis? Cutaneous Lesions, Emaciation, and Death in Hairless Mice"; February [**25** (2)]: 16.

Anderson, Wayne I., DVM, PhD (Alice M. Kroger, DVM, Lawrence Sherman, DVM). "What's Your Diagnosis? Infiltrative Mass in the Trachea of an Aged Cat"; March [**25** (3)]: 24.

B

Bayne, Kathryn, MS, PhD, DVM. "Normal and Abnormal Behaviors of Laboratory Animals: What Do They Mean?" January [**25** (1)]: 21.

Blankenship-Paris, Terry L. (Daniel I. Schenkman). "What's Your Diagnosis? Progressive Neurological Deterioration in a Japanese Macaque (*Macaca fuscata*)"; [**25** (8)]: 17.

Bodkin, Noni, PhD. "The Rhesus Monkey: Providing Insight into Obesity and Diabetes"; February [**25** (2)]: 33.

Boschert, Ken, DVM. "A Laboratory Animal Internet Primer"; January [**25** (1)]: 23.

C

Cancellieri, Steven, BS, LATG. "What's Your Diagnosis? Circular Skin Lesions in an Animal Technician"; April [**25** (4)]: 19.

Chenoweth, Dennis E., PhD, MD, MBA. "*In Vitro* Testing Alternatives for Determining Skin Irritation Potential"; March [**25** (3)]: 35.

Morrison, Adrian R., DVM, PhD. "Contributions of Animal Models to Sleep Disorders Medicine"; February [**25** (2)]: 22.

DISEASE MONITORING

Kasting, Gregg, MD. "Revisiting Medical Surveillance in Research Animal Facilities"; April [**25** (4)]: 27.

Potter, Margaret (Gary Borkowski, Donna Carey). "Containment of Mouse Hepatitis Virus Outbreak to a Single Facility at a Large Multi-Site Research University"; January [**25** (1)]: 36.

Weisbroth, Steven H., DVM. "Post-Indigenous Disease: Changing Concepts of Disease in Laboratory Rodents"; October [**25** (9)]: 25.

ETHICS

Erb, Hollis N. "Resource: A Non-Statistical Approach for Calculating the Optimum Number of Animals Needed in Research"; March [**25** (3)]: 45.

Herzog, Harold. "Ethical Ambiguities and Moral Standing: Practical Lessons from Animal Care and Use Committees"; June [**25** (6)]: 29.

Olfert, Ernest D. DVM, Msc. "Defining An Acceptable Endpoint in Toxicological Experiments"; March [**25** (3)]: 28.

Orlans, F. Barbara, PhD. "Invasiveness Scales for Animal Pain and Distress"; June [**25** (6)]: 23.

Williams, Lawrence E., PhD. "Ethological Considerations For Designing Behavioral Enrichment"; July/August [**25** (7)]: 29.

FACILITY DESIGN

Crockett, Carolyn, M., PhD (Jodi Yamashiro, BS, Shaune DeMers, BA, Carol Emerson, DVM). "Engineering a Rational Approach to Primate Space Requirements"; October [**25** (9)]: 44.

Crouch, Richard. "Polymer Floor and Wall Solutions"; July/August [**25** (7)]: 34.

Doyle, Richard E. (Stanley D. Davis, William C. Thomas). "A Cost-Effective Split Level Baboon Condo"; October [**25** (9)]: 49.

Maronski, William E., PE. "Commissioning and Validation; Satisfying HVAC Requirements"; July/August [**25** (7)]: 42.

Nadelkov, Mike. "EPA Impact on Pathological Incineration: What Will It Take to Comply?" April [**25** (4)]: 35.

Voigt, Robert C. "Facilities Design and Construction Options"; July/August [**25** (7)]: 39.

Williams, Lawrence E., PhD. "Ethological Considerations For Designing Behavioral Enrichment"; July/August [**25** (7)]: 29.

INTERNET/ COMPUTERS

Boschert, Ken, DVM. "A Laboratory Animal Internet Primer"; January [**25** (1)]: 23.

Myslinski, Norbert (Calvin Hisley, MS). "A World Wide Web-Based Method of Organizing Ongoing Research"; January [**25** (1)]: 32.

INVERTEBRATES

Cooper, Edwin L. "The Immunology of Earthworms and Tunicates"; January [**25** (1)]: 38.

Lowenberger, Carl, DVM. "Mosquito Immune Response"; May [**25** (5)]: 30.

Mather, Jennifer A. "Why Study Octopuses?" May [**25** (5)]: 24.

Pullen, Susan R. (Roger W. Meola, PhD). "Use of an Artificial Membrane System for Feeding the Cat Flea (*Ctenocephalides felis*)"; May [**25** (5)]: 39.

Vass, Emily, MS (Anthony Nappi, PhD). "The Fruit Fly: Providing Insight into Mechanisms of Non-Self Recognition"; May [**25** (5)]: 33.

MODELS

Bodkin, Noni, PhD. "The Rhesus Monkey: Providing Insight into Obesity and Diabetes"; February [**25** (2)]: 33.

Cooper, Edwin L. "The Immunology of Earthworms and Tunicates"; January [**25** (1)]: 38.

Lowenberger, Carl, DVM. "Mosquito Immune Response"; May [**25** (5)]: 30.

Mather, Jennifer A. "Why Study Octopuses?" May [**25** (5)]: 24.

Morrison, Adrian R., DVM, PhD. "Contributions of Animal Models to Sleep Disorders Medicine"; February [**25** (2)]: 22.

Nasto, Barbara, MS. "Cellular Xenotransplants: A Path to Treating Diabetes and Parkinson's Disease"; February [**25** (2)]: 38.

Poole, Timothy W., PhD. "Discovery, Development, and History of the SCID Mouse"; February [**25** (2)]: 29.

Vass, Emily, MS (Anthony Nappi, PhD). "The Fruit Fly: Providing Insight into Mechanisms of Non-Self Recognition"; May [**25** (5)]: 33.

POLICY

Homberger, Felix R. (Peter E. Thomann). "Harmonization of Animal Welfare Standards in Europe"; September [**25** (8)]: 35.

Maronski, William E., PE. "Commissioning and Validation; Satisfying HVAC Requirements"; July/August [**25** (7)]: 42.

Matfield, Mark (Rebecca Larkin, Renata Brooks, Tara Marathe, Guna Jacobson, Barbara Nasto). "Laboratory Animal Welfare Around the World"; September [**25** (8)]: 23.

Shepherd, M.J., DVM. "Meeting Large Regulatory Requirements in Small Institutions"; October [**25** (9)]: 35.

PRIMATES

Blankenship-Paris, Terry L. (Daniel I. Schenkman). "What's Your Diagnosis? Progressive Neurological Deterioration in a Japanese Macaque (*Macaca fuscata*)"; September [**25** (8)]: 17.

Bodkin, Noni, PhD. "The Rhesus Monkey: Providing Insight into Obesity and Diabetes"; February [**25** (2)]: 33.

Crockett, Carolyn, M., PhD (Jodi Yamashiro, BS, Shaune DeMers, BA, Carol Emerson, DVM). "Engineering a Rational Approach to Primate Space Requirements"; October [**25** (9)]: 44.

Doyle, Richard E. (Stanley D. Davis, William C. Thomas). "A Cost-Effective Split Level Baboon Condo"; October [**25** (9)]: 49.

Reinhardt, Viktor. "Refining the Blood Collection Procedure for Macaques"; January [**25** (1)]: 32.

Scharf, Bruce, A., DVM (Antoinette Rookard, LAT, Siobhan Noland, LAT). "What's Your Diagnosis? Weight-Loss in a Bonnett Macaque"; November [**25** (11)]: 17.

RABBITS

Chenoweth, Dennis E., PhD, MD, MBA. "*In Vitro* Testing Alternatives for Determining Skin Irritation Potential"; March [**25** (3)]: 35.

Donnelly, Thomas. "What's Your Diagnosis? The Truth About Cats and Rabbits"; July/August [**25** (7)]: 17.

Mobley, Daphne, DVM. "What's Your Diagnosis? Enlarged Testicle in a New Zealand White Rabbit"; January [**25** (1)]: 17.

REFINEMENT, REPLACEMENT, REDUCTION

Chenoweth, Dennis E., PhD, MD, MBA. "*In Vitro* Testing Alternatives for Determining Skin Irritation Potential"; March [**25** (3)]: 35.

ECVAM Workshop Attendees. "The Three Rs: The Way Forward"; June [**25** (6)]: 39.

Erb, Hollis N. "Resource: A Non-Statistical Approach for Calculating the Optimum Number of Animals"; March [**25** (3)]: 45.

Fraser, David. "Preference and Motivational Testing to Improve Animal Well-Being"; January [**25** (1)]: 27.

Hart, Ronald W., PhD (Bruce S. Hass, PhD, Angelo Turturro, PhD, Sherry M. Lewis, PhD). "The Use of Nutrition to Implement Refinement in Animal Bioassays"; March [25 (3)]: 29.

Leenaars, Marlies (Eric Claassen, Coenraad F.M. Hendriksen). "Considering the Side-Effects of Adjuvant Products in Immunization Procedures"; September [25 (8)]: 40.

Olfert, Ernest D. DVM, Msc. "Defining An Acceptable Endpoint in Toxicological Experiments"; March [25 (3)]: 28.

Orlans, F. Barbara, PhD. "Invasiveness Scales for Animal Pain and Distress"; June [25 (6)]: 23.

Reinhardt, Viktor. "Refining the Blood Collection Procedure for Macaques"; January [25 (1)]: 32.

RODENTS

Adkins, Jack P., LATG (Thomas Klapumuts, BS, LATG). "What's Your Diagnosis? Cutaneous Lesions, Emaciation, and Death in Hairless Mice"; February [25 (2)]: 16.

Eisenberg, Saggie (Theresa A. D'Amico). "What's Your Diagnosis? Anorexia and Muzzle Lesions in Zucker-Diabetic Fatty Rats"; October [25 (9)]: 17.

Fonatine, Robert N., PhD (Gregory P. Boivin, DVM, MS). "What's Your Diagnosis? Anorexia and Weight Loss in a Sprague-Dawley Rat"; May [25 (5)]: 16.

Poole, Timothy W., PhD. "Discovery, Development, and History of the SCID Mouse"; February [25 (2)]: 29.

Potter, Margaret (Gary Borkowski, Donna Carey). "Containment of Mouse Hepatitis Virus Outbreak to a Single Facility at a Large Multi-Site Research University"; January [25 (1)]: 36.

Sonntag, William B. (Edwin R. Kinkead). "An Improved Rat Plethysmograph"; January [25 (1)]: 40.

Weisbroth, Steven H., DVM. "Post-Indigenous Disease: Changing Concepts of Disease in Laboratory Rodents"; October [25 (9)]: 25.

SAFETY

Donnelly, Thomas M., DVM. "Resource: Hazardous Chemicals and Anesthetics in the Laboratory Animal Facility"; April [25 (4)]: 39.

Maronski, William E., PE. "Commissioning and Validation; Satisfying HVAC Requirements"; July/August [25 (7)]: 42.

Nadelkov, Mike. "EPA Impact on Pathological Incineration: What Will It Take to Comply?" April [25 (4)]: 35.

Richardson, John H., DVM, MPH (J. Roger Broderson,DVM, PhD). "Biosafety Guidelines-An Annotation of Animal Biosafety Level 2"; April [25 (4)]: 32.

TOXICOLOGY

Chenoweth, Dennis E., PhD, MD, MBA. "*In Vitro* Testing Alternatives for Determining Skin Irritation Potential"; March [25 (3)]: 35.

Hart, Ronald W., PhD (Bruce S. Hass, PhD, Angelo Turturro, PhD, Sherry M. Lewis, PhD). "The Use of Nutrition to Implement Refinement in Animal Bioassays"; March [25 (3)]: 29.

Olfert, Ernest D. DVM, Msc. "Defining An Acceptable Endpoint in Toxicological Experiments"; March [25 (3)]: 28.

TECHNIQUES

Pullen, Susan R. (Roger W. Meola, PhD). "Use of an Artificial Membrane System for Feeding the Cat Flea (*Ctenocephalides felis*)"; May [25 (5)]: 39.

Sonntag, William B. (Edwin R. Kinkead). "An Improved Rat Plethysmograph"; January [25 (1)]: 40.

Reinhardt, Viktor. "Refining the Blood Collection Procedure for Macaques"; January [25 (1)]: 32.

TRAINING

Shepherd, M.J., DVM. "Meeting Large Regulatory Requirements in Small Institutions"; October [25 (9)]: 35.

Sutherland, Diana, L. (Donald R. Russell). "Evolution of a Training Program Built on Employee Involvement"; October [25 (9)]: 41.

WHAT'S YOUR DIAGNOSIS?

Adkins, Jack P., LATG (Thomas Klapumuts, BS, LATG). "What's Your Diagnosis? Cutaneous Lesions, Emaciation, and Death in Hairless Mice"; February [25 (2)]: 16.

Anderson, Wayne I., DVM, PhD (Alice M. Kroger, DVM, Lawrence Sherman, DVM). "What's Your Diagnosis? Infiltrative Mass in the Trachea of an Aged Cat"; March [25 (3)]: 24.

Blankenship-Paris, Terry L. (Daniel I. Schenkman). "What's Your Diagnosis? Progressive Neurological Deterioration in a Japanese Macaque (*Macaca fuscata*)"; September [25 (8)]: 17.

Cancellieri, Steven, BS, LATG. "What's Your Diagnosis? Circular Skin Lesions in an Animal Technician"; April [25 (4)]: 19.

Donnelly, Thomas. "What's Your Diagnosis? Flagellate Protozoa in Newts"; June [25 (6)]: 17.

Donnelly, Thomas. "What's Your Diagnosis? The Truth About Cats and Rabbits"; July/August [25 (7)]: 17.

Eisenberg, Saggie (Theresa A. D'Amico). "What's Your Diagnosis? Anorexia and Muzzle Lesions in Zucker-Diabetic Fatty Rats"; October [25 (9)]: 17.

Fonatine, Robert N., PhD (Gregory P. Boivin, DVM, MS). "What's Your Diagnosis? Anorexia and Weight Loss in a Sprague-Dawley Rat"; May [25 (5)]: 16.

Mobley, Daphne, DVM. "What's Your Diagnosis? Enlarged Testicle in a New Zealand White Rabbit"; January [25 (1)]: 17.

Scharf, Bruce, A., DVM (Antoinette Rookard, LAT, Siobhan Noland, LAT). "What's Your Diagnosis? Weight-Loss in a Bonnett Macaque:; November [25 (11)]: 17.

Lab Animal invites you to visit us on the world wide web.

http:// labanimal.com

or e-mail us at:

labanimal@ natureny.com